

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	328	(microencapsulat\$ or micro\$encapsulat\$ or microcapsul\$) same diabetes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 13:16
S2	197	S1 and (hydrogel or alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:06
S3	116	S2 and (photoactivable or crosslink\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:31
S4	116	S2 and (photo\$activable or crosslink\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:07
S5	5	S4 and (hydroxysuccinimide or phenyl adj azide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:24
S6	16732	\$encapsulat\$ and (drug adj delivery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:26
S7	4591	S6 and (semi\$permeable or semipermeable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:27
S8	3272	semipermeable same microcapsule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:45
S9	2695	S8 and (drug adj delivery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:30
S10	35	S8 same (drug adj delivery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:29

## EAST Search History

S11	13	S10 and crosslink\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:29
S12	0	S11 and photoactivable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:29
S13	45	S9 and anb\$nos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:30
S14	45	S13 and alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:39
S15	0	(semipermeable adj microcapsule) same ANB\$NOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:40
S16	0	(semipermeable adj microcapsule) same anb\$nos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:40
S17	0	(semipermeable adj microcapsule) and anb\$nos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:41
S18	183	(semipermeable adj microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:42
S19	85	S18 and (drug adj delivery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:49
S20	141	(alginate or alginic) and anb\$nos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:49
S21	0	S20 and (phenyl adj azide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:50

## EAST Search History

S22	1	S20 and uva	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:51
S23	63	S20 and uv	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/03 18:53
S24	1840	method near5 microencapsulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:52
S25	114	S24 and semipermeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:42
S26	47	S25 and (cross adj link\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:43
S27	20	S26 and covalent\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:48
S28	17	S27 and bead\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:50
S29	38	S24 and (hydroxysuccinimide or phenyl adj azide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:52
S30	22	S29 and bead\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:55
S31	4	S30 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 09:55
S32	3285	semipermeable same microcapsule\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:45

## EAST Search History

S33	76	S32 same bead\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:47
S34	73	S33 and cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:56
S35	44	S34 and crosslink\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:48
S36	3	S34 and (crosslink\$ near5 bead\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:51
S37	387	S32 and poly\$lysine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:52
S38	258	S37 and crosslink\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:52
S39	347	S37 and cross\$link\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:52
S40	1	S37 and (cross\$link\$ adj bead\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 10:53
S41	27	S34 and (poly\$lysine or polylysine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 11:01
S42	26	S41 and (crosslink\$ or cross\$link\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 11:07
S43	211	(semi\$permeable or semipermeable) adj (micro\$capsule\$ or microcapsules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 11:08

## EAST Search History

S44	5	S43 same beads same cells	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 11:13
S45	1	("4391909").PN.	USPAT; USOCR	OR	OFF	2005/07/15 11:14
S46	1	("4744933").PN.	USPAT; USOCR	OR	OFF	2005/07/15 11:14
S47	0	crosslink near5 hydrogel near5 photoactivable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:33
S48	423	crosslink near5 hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:33
S49	95	S48 and uv	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:34
S50	5	S49 and islets	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:37
S51	3	S50 and polylysine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:37
S52	14	hydroxysuccinimide same (phenyl adj azide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/15 17:47
S53	803	method near5 treatment near5 diabetes	USPAT; USOCR	OR	ON	2005/07/17 11:20
S54	47	S53 and microcapsule	USPAT; USOCR	OR	ON	2005/07/17 10:50
S55	21	S54 and islets	USPAT; USOCR	OR	ON	2005/07/17 10:50
S56	8	S55 and hydrogel	USPAT; USOCR	OR	ON	2005/07/17 10:56
S57	3	S56 and crosslink	USPAT; USOCR	OR	ON	2005/07/17 10:57
S58	3	S53 and alginate and crosslinker	USPAT; USOCR	OR	ON	2005/07/17 11:20
S59	32	semipermeable near5 microcapsules near5 crosslinked	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:27

## EAST Search History

S60	3	S59 and covalent\$3 adj crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 12:40
S61	3	S59 and covalent\$3 adj crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 12:40
S62	4	S59 and (photosensitive or photoactivable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:36
S63	2	(photosensitive or photoactivable) near5 polylysine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:37
S64	5	(photosensitive or photoactivable) near5 (polycation or polylysine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:39
S65	306	(photosensitive or photoactivable) and (polycation or polylysine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:39
S66	87	S65 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:39
S67	51	S66 and (microcapsule or microencapsulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 14:40
S68	215	anb\$nos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:09
S69	1	S68 near5 (microcapsules or microencapsulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:09
S70	1	S68 near5 microcapsules	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:10

## EAST Search History

S71	0	S68 near5 hydrogel near5 polycation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:10
S72	0	S68 near5 hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:10
S73	0	S68 near5 (polylysine or polycation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:11
S74	2	S68 same (polylysine or polycation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:12
S75	93	S68 and alginate and polylysine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:14
S76	1	S75 and (phenyl adj azide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/17 16:15
S77	216	ANB\$1NOS or ANB-NOS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:24
S78	69	S77 and microcapsule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:24
S79	63	S78 and (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:41
S80	3	S79 and islets	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:25
S81	5	S79 and permeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:26

## EAST Search History

S82	54	S79 and polylysine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/26 11:28
S83	16604	treatment near5 diabetes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 09:36
S84	1	S83 near5 microcapsule near5 islets	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 09:40
S85	76	S83 and microcapsule near5 islets	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 09:40
S86	16	semipermeable and covalent and crosslink\$6 and microcapsul\$.clm.	USPAT	OR	ON	2006/04/09 14:55
S87	11	S86 and polylysine	USPAT	OR	ON	2006/04/09 15:01
S88	0	S86 and polylysine and (anb-nos or anb\$1nos)	USPAT	OR	ON	2006/04/09 15:02
S89	0	S86 and sanpah	USPAT	OR	ON	2006/04/09 15:07
S90	0	S86 and hydroxysuccinimid\$8	USPAT	OR	ON	2006/04/09 15:07
S91	1	S86 and succinimid\$8	USPAT	OR	ON	2006/04/09 15:07
S92	7835	((435/182,178,177) or (424/490,93.1,487,489,499,493,494)).CCLS.	USPAT; USOCR	OR	OFF	2006/04/18 13:19
S93	30	(microcapsul\$5 and bead\$5 and polycat\$5 and crosslink\$5 and semipermeable) and S92	USPAT	OR	ON	2006/04/18 13:22